should exist between changes in the 100-km. region and those in the high stratosphere. It appears that an empirical study of the principal seasonal changes in the daily variation of the field at two or more Observatories separated by a few hours of longitude against seasonal changes in the large-scale stratospheric circulation, such as those described by Teweles and Finger [5], by Teweles, Rothenburg, and Finger [6], and by Finger, Mason, and Corzine [2], might discover relationships between changes occurring in the circulation in the two regions. The geomagnetic daily variation by its nature should be responsive to large-scale air movement in the upper region including the prevailing winds. These circumstances suggest that a study of the daily variation of the earth's magnetic field against synoptic charts of the large-scale atmospheric circulation as high in the stratosphere as possible would constitute a research of considerable importance.

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CORRECTION

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p. 23, equation (A2): right side should be multiplied by $1/\Delta^2$.

p. 24, equations (A6) and (A7): Insert the number 2 before ij and kl respectively in the second term of the second parenthesis of each equation.

p. 24, The first sentence following (A7) should read: "Upon substitution of (A6) and (A7) into (A2) and equating coefficients of terms to the second order in Δ with those of the analytic Jacobian, a new relation . . . ."

p. 24, equation (A8): right side should be 1/4.